

42-045-00070  
PA000293037



**Monroe Energy, L.L.C.**  
4101 Post Road  
Trainer, PA 19061  
(610) 364-8000

July 17, 2019

Mr. James Rebarchak  
Air Quality Program  
Commonwealth of Pennsylvania  
Department of Environmental Protection  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401  
Via FedEX 7757 5003 5820

JUL 19 2019  
j2212

**RE: Monroe Energy, LLC – Trainer Refinery  
Second Quarter (2Q2019) PADEP/PENREF LDAR VOC Fugitive Monitoring Report  
Title V Operating Permit No. 23-00003**

Dear Mr. Rebarchak:

As required by Pennsylvania Code, Title 25, §129.58(f), the Monroe Energy, LLC (Monroe Energy) Trainer Refinery hereby submits the LDAR VOC Fugitive Emissions Monitoring Report for the period of April 1, 2019 – June 30, 2019.

This report consists of the following documents:

- Compliance Monitoring Summary Pennsylvania Title 25, Section 129.58.
- Compliance Repair Delay List Pennsylvania Title 25, Section 129.58.
- Compliance Report Repair Delayed History – Components Repaired During Report Period, Pennsylvania Title 25, Section 129.58.
- Compliance Report – Components Added and Deleted During Report Period, Pennsylvania Title 25, Section 129.58.

As required by the Consent Decree H-05-0258, paragraph 236, Monroe Energy is hereby notifying the Department that the report leak rates contained herein for valves and pumps are those applicable regulatory leak definitions defined in Pennsylvania Code, Title §129.58(a).

During the reporting period, all components were monitored in accordance with Monroe Energy's Alternate LDAR Plan Monitoring Schedule and no late repairs were recorded. Also, per the aforementioned Consent Decree, there were no valves with a reading over 10,000 ppm that required a Drill and Tap, Repack, Repump, and/or a more aggressive attempt at repair.

Should you have any questions or comments regarding this report, please contact Stephani Ski Szymanski, Environmental Engineer and Program Lead, at (610) 364-8073.

Sincerely,

  
Matthew Torell, PE  
Environmental Leader

Enclosure: Second Quarter 2019 PADEP/PENREF LDAR VOC Fugitive Monitoring Report

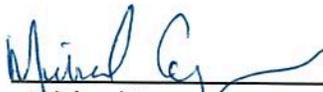
Cc: Office of Air Enforcement & Compliance Assistance (3AP20)  
U.S. EPA Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029  
**Via FedEx 7757 5007 6040**



**Monroe Energy, LLC**  
4101 Post Road  
Trainer, PA 19061  
(610) 364-8000

**Responsible Official Certification**

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge.

  
Michael Capone,  
Refinery Leader

*July 18/2019*

MONROE ENERGY TRAINER REFINERY

2Q209 PADEP/PENREF QUARTERLY LDAR REPORT

SUMMARY

REPORT COMPLIANCE PERIOD: APRIL 1, 2019 TO JUNE 30, 2019

<u>UNIT</u>	<u>CLASS</u>	<u>MONTH</u>	<u>MONITORED</u>	<u>LEAKED</u>	<u>LATE REPAIR</u>
<b><u>543 CRUDE</u></b>					
	PUMP	4	4	0	0
	PUMP	5	4	0	0
	PUMP	6	4	0	0
	RELIEF	5	8	0	0
	VALVE	4	3	0	0
	VALVE	5	1,069	0	0
	VALVE	6	2	0	0
			<b><u>1,094</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b><u>544 CRUDE</u></b>					
	PUMP	4	15	0	0
	PUMP	5	15	0	0
	PUMP	6	15	0	0
	RELIEF	5	8	0	0
	VALVE	5	1,167	0	0
			<b><u>1,220</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b><u>544 VACUUM</u></b>					
	PUMP	4	2	0	0
	PUMP	5	2	0	0
	PUMP	6	2	0	0
	RELIEF	5	7	0	0
	VALVE	5	398	0	0
			<b><u>411</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b><u>ALKY</u></b>					
	PUMP	4	27	0	0
	PUMP	5	27	0	0
	PUMP	6	27	0	0
	RELIEF	5	38	0	0
	VALVE	4	10	0	0
	VALVE	5	3,303	1	0
	VALVE	6	9	1	0
			<b><u>3,441</u></b>	<b><u>2</u></b>	<b><u>0</u></b>
<b><u>AMINE</u></b>					
	PUMP	4	2	0	0
	PUMP	5	2	0	0
	PUMP	6	2	0	0
	RELIEF	4	6	0	0
	VALVE	4	361	0	0
	VALVE	5	4	0	0
			<b><u>377</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b><u>AWWTP</u></b>					

VALVE	4	140	0	0
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		<b><u>140</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
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**BLEND**

PUMP	4	18	0	0
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PUMP	5	17	0	0
------	---	----	---	---

PUMP	6	18	0	0
------	---	----	---	---

RELIEF	4	20	0	0
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RELIEF	5	1	0	0
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VALVE	4	1,432	0	0
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VALVE	5	5	0	0
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VALVE	6	3	0	0
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		<b><u>1,514</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
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**BOILER 14**

VALVE	5	49	0	0
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VALVE	6	49	0	0
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		<b><u>98</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
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**BOILERS 9 & 10**

RELIEF	5	4	0	0
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VALVE	4	1	0	0
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VALVE	5	439	0	0
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VALVE	6	439	0	0
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		<b><u>883</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
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**BUTANE**

RELIEF	5	7	0	0
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VALVE	5	304	0	0
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		<b><u>311</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
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**DESALT**

PUMP	4	10	0	0
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PUMP	5	10	0	0
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PUMP	6	10	0	0
------	---	----	---	---

RELIEF	4	12	0	0
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VALVE	4	811	0	0
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		<b><u>853</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
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**DIESEL**

PUMP	4	11	0	0
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PUMP	5	11	0	0
------	---	----	---	---

PUMP	6	11	0	0
------	---	----	---	---

RELIEF	4	9	0	0
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VALVE	4	778	0	0
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VALVE	5	1	0	0
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VALVE	6	1	0	0
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		<b><u>822</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
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**FCC**

PUMP	4	25	0	0
PUMP	5	24	0	0
PUMP	6	25	0	0
RELIEF	5	33	0	0
VALVE	4	2	0	0
VALVE	5	2,274	1	0
VALVE	6	6	0	0

**2,389**                      **1**                      **0**

**FLARE**

PUMP	4	3	0	0
PUMP	5	3	0	0
PUMP	6	3	0	0
VALVE	6	222	0	0

**231**                      **0**                      **0**

**FLARE GAS RECOVERY**

PUMP	4	7	0	0
PUMP	5	7	0	0
PUMP	6	7	0	0
RELIEF	6	20	0	0
VALVE	6	1,047	0	0

**1,088**                      **0**                      **0**

**ISOCRK**

PUMP	4	18	0	0
PUMP	5	18	0	0
PUMP	6	18	0	0
RELIEF	4	55	0	0
VALVE	4	3,129	0	0
VALVE	5	5	0	0
VALVE	6	5	0	0

**3,248**                      **0**                      **0**

**KERO**

PUMP	4	9	0	0
PUMP	5	9	0	0
PUMP	6	9	0	0
RELIEF	4	30	0	0
VALVE	4	1,525	0	0
VALVE	5	2	0	0
VALVE	6	2	0	0

**1,586**                      **0**                      **0**

**LOWLN**

PUMP	4	6	0	0
PUMP	5	6	0	0
PUMP	6	6	0	0
RELIEF	4	6	0	0
VALVE	4	584	1	0
VALVE	5	11	0	0

VALVE	6	1	0	0
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		<u>620</u>	<u>1</u>	<u>0</u>
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MARINE

PUMP	4	2	0	0
PUMP	5	2	0	0
PUMP	6	2	0	0
RELIEF	5	9	0	0
VALVE	5	290	0	0

		<u>305</u>	<u>0</u>	<u>0</u>
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NAPHTH

PUMP	4	16	0	0
PUMP	5	16	0	0
PUMP	6	16	0	0
RELIEF	6	13	0	0
VALVE	4	6	0	0
VALVE	5	6	0	0
VALVE	6	1,515	0	0

		<u>1,588</u>	<u>0</u>	<u>0</u>
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PLATFO

PUMP	4	8	0	0
PUMP	5	8	0	0
PUMP	6	8	0	0
RELIEF	6	30	0	0
VALVE	4	3	0	0
VALVE	5	3	0	0
VALVE	6	2,161	1	0

		<u>2,221</u>	<u>1</u>	<u>0</u>
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PRORCL

PUMP	4	1	0	0
PUMP	5	1	0	0
PUMP	6	1	0	0
RELIEF	6	3	0	0
VALVE	4	2	0	0
VALVE	5	2	0	0
VALVE	6	330	0	0

		<u>340</u>	<u>0</u>	<u>0</u>
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PROREC

PUMP	4	2	0	0
PUMP	5	2	0	0
PUMP	6	2	0	0
RELIEF	5	12	0	0
VALVE	4	3	0	0
VALVE	5	638	0	0
VALVE	6	8	0	0

		<u>667</u>	<u>0</u>	<u>0</u>
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PROSTO

PUMP	4	4	0	0
PUMP	5	4	0	0
PUMP	6	4	0	0
RELIEF	4	20	0	0
VALVE	4	530	0	0
VALVE	5	1	0	0
VALVE	6	1	0	0
		<b><u>564</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

REFORM

PUMP	4	8	0	0
PUMP	5	8	0	0
PUMP	6	8	0	0
RELIEF	5	11	0	0
VALVE	4	2	0	0
VALVE	5	823	0	0
VALVE	6	15	0	0
		<b><u>875</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

SOUR

RELIEF	5	2	0	0
VALVE	5	53	0	0
VALVE	6	1	0	0
		<b><u>56</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

SOUTH TANK FARM

PUMP	4	25	0	0
PUMP	5	25	0	0
PUMP	6	24	0	0
RELIEF	4	1	0	0
RELIEF	5	1	0	0
RELIEF	6	21	0	0
VALVE	4	15	0	0
VALVE	5	13	0	0
VALVE	6	2,643	1	0
		<b><u>2,768</u></b>	<b><u>1</u></b>	<b><u>0</u></b>

SRU

RELIEF	4	3	0	0
VALVE	4	76	0	0
		<b><u>79</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

TAIL GAS

RELIEF	4	3	0	0
VALVE	4	162	0	0
VALVE	5	1	0	0
VALVE	6	1	0	0
		<b><u>167</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

TF

PUMP	4	10	0	0
PUMP	5	10	0	0
PUMP	6	10	0	0
RELIEF	6	6	0	0
VALVE	6	892	0	0
		<b><u>928</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**ULSG**

PUMP	4	8	0	0
PUMP	5	8	0	0
PUMP	6	8	0	0
RELIEF	6	17	0	0
VALVE	4	6	0	0
VALVE	5	5	0	0
VALVE	6	2,152	0	0
		<b><u>2,204</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**VACUUM**

PUMP	4	2	0	0
PUMP	5	2	0	0
PUMP	6	2	0	0
RELIEF	4	3	0	0
VALVE	4	496	0	0
VALVE	5	1	0	0
VALVE	6	1	0	0
		<b><u>507</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**VGO**

PUMP	4	1	0	0
PUMP	5	1	0	0
PUMP	6	1	0	0
RELIEF	4	13	0	0
RELIEF	5	2	0	0
RELIEF	6	2	0	0
VALVE	4	622	0	0
VALVE	5	4	0	0
VALVE	6	3	0	0
		<b><u>649</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

<b>TOTAL:</b>	<b>34,244</b>	<b>6</b>	<b>0</b>
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